

410 Rec'd PCT/PTO 18 MAY 2000

FORM PT-1390 (REV 12-29-99)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTORNEY'S DOCKET NUMBER	
TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371				METAL 1278-WCG	
				U.S. APPLICATION NO. (If known, see 37 CFR 1.5) <b>09/554781</b>	
INTERNATIONAL APPLICATION NO. PCT/EP98/07619		INTERNATIONAL FILING DATE 26 November 1998 (26.11.98)		PRIORITY DATE CLAIMED 27 November 1997 (27.11.97)	
TITLE OF INVENTION SLAG CRUSHER					
APPLICANT(S) FOR DO/EO/US Wolfram GRUHLKE, Hans-Otto RAMM					
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:					
1. <input checked="" type="checkbox"/> This is a <b>FIRST</b> submission of items concerning a filing under 35 U.S.C. 371.					
2. <input type="checkbox"/> This is a <b>SECOND</b> or <b>SUBSEQUENT</b> submission of items concerning a filing under 35 U.S.C. 371.					
3. <input checked="" type="checkbox"/> This express request to begin national examination procedures (35 U.S.C. 371(f)) at any time rather than delay examination until the expiration of the applicable time limit set in 35 U.S.C. 371(b) and PCT Articles 22 and 39(1).					
4. <input checked="" type="checkbox"/> A proper Demand for International Preliminary Examination was made by the 19th month from the earliest claimed priority date.					
5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2))					
a. <input type="checkbox"/> is transmitted herewith (required only if not transmitted by the International Bureau).					
b. <input checked="" type="checkbox"/> has been transmitted by the International Bureau.					
c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US).					
6. <input checked="" type="checkbox"/> A translation of the International Application into English (35 U.S.C. 371(c)(2)).					
7. <input type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))					
a. <input type="checkbox"/> are transmitted herewith (required only if not transmitted by the International Bureau).					
b. <input type="checkbox"/> have been transmitted by the International Bureau.					
c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired.					
d. <input type="checkbox"/> have not been made and will not be made.					
8. <input type="checkbox"/> A translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).					
9. <input type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).					
10. <input type="checkbox"/> A translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).					
Items 11. to 16. below concern document(s) or information included:					
11. <input checked="" type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98.					
12. <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.					
13. <input type="checkbox"/> A <b>FIRST</b> preliminary amendment.					
<input type="checkbox"/> A <b>SECOND</b> or <b>SUBSEQUENT</b> preliminary amendment.					
14. <input type="checkbox"/> A substitute specification.					
15. <input type="checkbox"/> A change of power of attorney and/or address letter.					
16. <input checked="" type="checkbox"/> Other items or information:					
a) International Search Report (in German);			i) certified copy of Priority Document;		
b) English translation of International Search Report;			j) 5 sheets of drawings (attached to English translation);		
c) written communication (in German);			k) letter to Official Draftsman		
d) English translation of written communication;					
e) International Preliminary Examination Report, with annex (in German);					
f) English translation of International Preliminary Examination Report, with annex;					
g) original request;					
h) published application (WO 99/28413).					

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U.S. APPLICATION NO. (USPTO) <b>09/554781</b> INTERNATIONAL APPLICATION NO.		ATTORNEY'S DOCKET NUMBER	
17. <input checked="" type="checkbox"/> The following fees are submitted: <b>BASIC NATIONAL FEE (37 CFR 1.492 (a) (1) - (5)) :</b> Neither international preliminary examination fee (37 CFR 1.482) nor international search fee (37 CFR 1.445(a)(2)) paid to USPTO and International Search Report not prepared by the EPO or JPO ..... \$970.00 International preliminary examination fee (37 CFR 1.482) not paid to USPTO but International Search Report prepared by the EPO or JPO ..... \$840.00 International preliminary examination fee (37 CFR 1.482) not paid to USPTO but international search fee (37 CFR 1.445(a)(2)) paid to USPTO ..... \$690.00 International preliminary examination fee paid to USPTO (37 CFR 1.482) but all claims did not satisfy provisions of PCT Article 33(1)-(4) ..... \$670.00 International preliminary examination fee paid to USPTO (37 CFR 1.482) and all claims satisfied provisions of PCT Article 33(1)-(4) ..... \$96.00 <b>ENTER APPROPRIATE BASIC FEE AMOUNT =</b>		<b>CALCULATIONS PTO USE ONLY</b>          	
Surcharge of \$130.00 for furnishing the oath or declaration later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date (37 CFR 1.492(e)).		\$	
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE
Total claims	5 - 20 =	0	X \$18.00
Independent claims	1 - 3 =	0	X \$78.00
MULTIPLE DEPENDENT CLAIM(S) (if applicable)		0	+ \$260.00
<b>TOTAL OF ABOVE CALCULATIONS =</b>		<b>\$ 840.00</b>	
Reduction of 1/2 for filing by small entity, if applicable. A Small Entity Statement must also be filed (Note 37 CFR 1.9, 1.27, 1.28).		\$	
<b>SUBTOTAL =</b>		\$	
Processing fee of \$130.00 for furnishing the English translation later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date (37 CFR 1.492(f)).		\$	
<b>TOTAL NATIONAL FEE =</b>		<b>\$ 840.00</b>	
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property		+	
<b>TOTAL FEES ENCLOSED =</b>		<b>\$ 840.00</b>	
		Amount to be:	\$
		refunded	\$
		charged	\$

a. ☐ A check in the amount of \$\_\_\_\_\_ to cover the above fees is enclosed.


b. ☒ Please charge my Deposit Account No. 14-1263 in the amount of \$ 840.00 to cover the above fees.  
 A duplicate copy of this sheet is enclosed.

c. ☒ The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any  
 overpayment to Deposit Account No. 14-1263. A duplicate copy of this sheet is enclosed.

**NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.**

SEND ALL CORRESPONDENCE TO:

NORRIS, McLAUGHLIN & MARCUS, P.A.  
 660 White Plains Road  
 Tarrytown, New York 10591

  
 SIGNATURE:  
William C. Gerstenzang  
 NAME  
27,552  
 REGISTRATION NUMBER

## APPENDIX

Metal 1278-WCG  
98 00 79 US/A 7883

**TITLE:**

SLAG CRUSHER

**LIST OF INVENTORS:**

Wolfram GRUHLKE  
Hans-Otto RAMM

**"Express Mail" Mailing Label No. EH976288391US**  
Date of Deposit: May 17, 2000

I hereby certify that this paper or fee is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231.

NORRIS, McLAUGHLIN & MARCUS, P.A.

By: 

09 6554781  
422 Rec'd PCT/PTO 18 MAY 2000  
METAL 1278-WCG  
98 00 79 US/A 7883

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicants : Wolfram GRUHLKE, Hans-Otto RAMM  
Serial No. : To Be Assigned  
Filed : Herewith  
For : SLAG CRUSHER  
Art Unit : To Be Assigned  
Examiner : To Be Assigned

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May 17, 2000

BOX PCT  
Hon. Asst. Commissioner  
for Patents  
Washington, D. C. 20231

Sir:

**COMMUNICATION REGARDING ACKNOWLEDGMENT OF  
REFERENCES CITED IN INTERNATIONAL SEARCH REPORT**

In accordance with 37 CFR § 1.56 and § 1.97(c), Applicants wish to call the attention of the Examiner to the references listed on the accompanying Form PTO-1449, copies of which are enclosed.

The references were cited in the International Search Report and Applicants request that the Examiner acknowledge that these references have been considered.

In addition to these references already sent to the PTO by WIPO, Applicants enclose herewith a copy of US 4,738,687 as an English translation of WO 86/05198.

It is believed no fee is due but, if it is, please charge the cost therefor against the account of the undersigned, Deposit Account No. 14-1263.

Consideration of the foregoing in relation to this application is respectfully requested.

Respectfully submitted,

NORRIS, McLAUGHLIN & MARCUS, P.A.

By William C. Gerstenzang

William C. Gerstenzang  
Reg. No. 27,552

WCG:kts  
Encs. - Form PTO-1449  
References - 1

660 White Plains Road  
Tarrytown, New York 10591-5144  
(914) 332-1700

I hereby certify that this correspondence is being deposited with the United States Postal Services as Express Mail in an envelope addressed to the Hon. Assistant Commissioner For Patents, Washington, D.C. 20231 on May 17, 2000.

NORRIS, McLAUGHLIN & MARCUS, P.A.

By William C. Gerstenzang

Date 5/17/00

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May 17, 2000


BOX PCT  
The Assistant Commissioner  
for Patents  
Washington, D. C. 20231

Sir:

**LETTER TO THE OFFICIAL DRAFTSMAN**

Submitted herewith for entry and approval is five (5) sheets of corrected formal drawings in the above-referenced application.

Respectfully submitted,  
NORRIS, McLAUGHLIN & MARCUS, P.A.

By   
William C. Gerstenzang  
Reg. No. 27,552

WCG:kts

660 White Plains Road  
Tarrytown, New York 10591-5144  
(914)332-1700

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NORRIS, McLAUGHLIN & MARCUS, P.A.

By 

Date 5/17/00